

IN THE SPECIFICATION:

Please delete the paragraph at Page 6 line 18 bridging over to Page 7 line 11 and insert the following paragraph as amended:

Essentially in an ideal situation the gate arrangement should only open when there is sufficiently high temperature presented for a predetermined time period. The present gate arrangement 11 utilises differentials in the thermal coefficient of expansion between at least the gate component 12 and the gate member 14. However, it will also be appreciated that refinements to the present gate arrangement could include utilisation of differential rates of thermal expansion as opposed to simply coefficients of thermal expansion in order that the open end ~~[[12]]~~ 15 is opened for a predictable period of time during which the expansion of the gate member 14 "catches up" with that of the gate component 12 in order to again close the open end 15 in order to prevent coolant airflow. In such circumstances, two or more sets of gate arrangements in accordance with the present invention may be provided to open respective coolant airflow paths over a timed sequence relative to temperature ranges in order to further enhance turbine blade cooling performance and therefore efficiency of an engine incorporating those turbine blades. Initially, relatively narrow coolant air paths may be opened by one set of gate arrangements whilst if the temperature is sustained wider or more coolant airflow paths will be opened by a second set of gate arrangements. Relative contraction of the gate member in comparison with the gate component in the second set of gate arrangements being set such that if sustained for a period of time a warning is provided as to the over heating of the associated turbine blade whilst retaining its operability until service/maintenance is available.